



Post Type No.	Anchor Bolts			Round Pile Pedestal				CIDH Pile				Foundation Depth * *		
	Bolt Circle	Bolt Total and Dia	Total Length	Dia	Vertical Reinforcing		Spiral		Pile Dia	Vertical Reinforcing			Spiral	
					Total	Bar Size	Bar Size	Pitch		Total	Bar Size			Bar Size
II	2'-0"	12-2"	4'-2"	5'-3"	16	#10	#5	3 1/2"	4'-6"	26	#10	#5	3 1/2"	14'-9"
III	2'-0"	12-2"												16'-0"
IV	2'-0"	12-2"												18'-0"
V	2'-10"	14-2"												19'-0"
VI		16-2 1/2"	5'-0"	5'-9"		#11			5'-0"	28	#11			22'-0"
VII														23'-0"
VIII														25'-0"
IX														25'-0"

* * Use Foundation Depth shown in table unless otherwise shown on the Project Plans.

NOTES:

1. For anchor bolt layout, see Standard Plan S3.
2. For "Base E elevation" see Project Plans.
3. Prior to erection of the post, backfill which is equivalent to the surrounding material shall be in place.
4. Pedestal shall be formed 6" minimum below ground surface. Remainder to be placed against undisturbed material.
5. Slope protection required when indicated on the Project Plans.
6. Foundation design is based on 2001 AASHTO article 13.6 Broms' approximate procedure assuming a cohesionless material. The angle of internal friction used is 30 degree and unit weight of soil used is 120 lb/ft³.

STATE OF CALIFORNIA
DEPARTMENT OF TRANSPORTATION
**OVERHEAD SIGNS-TRUSS
SINGLE POST TYPE
ROUND PEDESTAL PILE FOUNDATION**

NO SCALE

DIST	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS

REGISTERED CIVIL ENGINEER
Jeffrey B. Woody
 No. C41260
 Exp. 3-31-07
 CIVIL
 STATE OF CALIFORNIA

PLANS APPROVAL DATE
 May 1, 2006

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